



Weekly Crop & Weather Roundup



Cooperating with the Pennsylvania Department of Agriculture
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Week Ending June 27, 2010

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This report can be found on the Internet at www.nass.usda.gov/pa and click on "Pennsylvania Publications."

Good Week for Field Work: The severely hot temperatures, humidity levels, and a few hail storms this week have adversely affected some of the crops. The thunderstorms have prevented the making of dry hay in some areas. Pennsylvania had a total of 5 days suitable for field work. Primary field activities were haymaking, and harvesting barley and wheat.

PA Topsoil Moisture for Week Ending June 27, 2010

Very Short	Short	Adequate	Surplus
Percent	Percent	Percent	Percent
7	26	53	14

Crop Progress: The average corn height is 37 inches tall, compared to last year's 24 inches, and the 5 year average of 26 inches. The barley harvest is 91% complete, ahead of last year's estimate of 45% and the average of 46%. Winter wheat is 92% yellow, compared to last year's 78%, and the average of 85%. Winter wheat is 55% ripe, ahead of last year's 13%, and the 22% average. The wheat harvest has begun at 15% harvested, well ahead of both last year's estimate and the average of 4%. Oats are 80% headed, which is ahead of both last year's 69%, and the average of 74%. Oats are 7% yellowed, which is also ahead of last year's 4% and the average of 3%. Soybeans are 95% emerged, ahead of last year's 76%, and the average of 86%. Alfalfa first cutting is 95% complete, which is slightly ahead of last year's estimate and the average of 94%. Alfalfa second cutting is 41%, compared to 30% last year and the 27% average. The Timothy/Clover first cutting is 79% complete, compared to 76% last year, and the average of 76%.

Crop Condition: State-wide corn condition is 3% poor, 24% fair, 44% good, and 29% excellent. Wheat condition is 13% fair, 57% good, and 30% excellent. Oat condition is 4% poor, 18% fair, 58% good, and 20% excellent. Soybean conditions are; 2% poor, 23% fair, 54% good, and 21% excellent. Alfalfa stand conditions are; 4% poor, 19% fair, 55% good, and 22% excellent. Timothy/Clover stand conditions are 3% poor, 20% fair, 61% good, and 16% excellent. The quality of hay made is 1% very poor, 6% poor, 29% fair, 41% good, and 23% excellent. Pasture conditions are at 6% very poor, 6% poor, 29% fair, 39% good and 20% excellent. Peach conditions are 52% good, and 48% excellent. Apple conditions are 4% poor, 19% fair, 43% good, and 34% excellent.

Nationwide as of June 20, 2010: Much of the western half of the United States was dominated by cooler than normal temperatures that continued to slow small grain development. Most notably, average weekly recordings in areas of Oregon and Washington dipped to as many as 8 degrees below normal. In

contrast, above average temperatures blanketed the eastern half of the country. Above average precipitation was received throughout much of the Pacific Northwest, northern Rocky Mountains, Great Plains, and Corn Belt, benefitting soil moisture levels in some areas while causing localized flooding in others. **Corn:** Nationally, 75 percent of this year's corn crop was reported in good to excellent condition, down slightly from ratings last week but 5 percentage points better than the same time last year. Due to above average rainfall that caused flooding in some fields and hail storms that shredded leaves in others, the portion of the crop rated good to excellent declined 1 to 3 percentage points from last week in Illinois, Indiana, Iowa, Minnesota, and Nebraska, the five largest corn-producing States that represent over half of the Nation's acreage. **Soybeans:** By week's end, soybean producers had planted 93 percent of the 2010 crop, 2 percentage points ahead of last year but slightly behind the 5-year average. Wet fields hampered fieldwork and limited planting progress to 3 percentage points or less during the week in Illinois, Indiana, Iowa, Minnesota, and Nebraska, the five largest soybean-producing States. Nationwide, emergence advanced to 87 percent complete by June 20, five percentage points ahead of last year but slightly behind the 5-year average. Overall, 69 percent of the soybean crop was reported in good to excellent condition, down 4 percentage points from ratings last week but 2 percentage points better than the same time last year. **Winter Wheat:** Heading of the winter wheat crop advanced 3 percentage points during the week, leaving progress, at 91 percent complete, 3 percentage points behind last year and 5 percentage points behind the 5-year average. By week's end, producers had harvested 17 percent of this year's winter wheat crop, slightly ahead of last year but 6 percentage points behind the 5-year average. Warm, mostly sunny days provided producers in Arkansas, California, Missouri, and North Carolina ample time to harvest 20 percent or more of their crop during the week. Overall, 65 percent of the winter wheat crop was reported in good to excellent condition, down slightly from ratings last week but 20 percentage points better than the same time last year. Temperatures as many as 8 degrees below average prevailed across the northern tier of the country, hampering small grain development. In contrast, warmer than normal temperatures dominated the southern two-thirds of the country, aiding winter wheat maturation and harvest but increasing heat stress on many summer row crops. Thunderstorms delivered four or more inches of rain to areas in the central Great Plains, western Corn Belt, western Arkansas, and northeastern Texas. While mostly dry conditions across the southern United States aided fieldwork, many crops were in need of moisture.

Weather Data For Week Ending June 27, 2010

Station	Last Week Weather Summary						April 1 - June 27, 2010					
	Temperature				Precipitation		Precipitation			GDD Base 50F		Base 40F
	High	Low	Average	DFN	Total	Days	Total	DFN	Days	Total	DFN	Total
Northwest												
Erie	90	59	72	5	0.43	3	9.02	-1.36	38	1,063	356	1,841
Franklin	89	57	72	5	1.04	4	11.83	0.31	37	1,016	334	1,795
Meadville	87	56	71	6	0.95	5	11.74	0.58	43	966	356	1,739
Mercer	87	57	72	6	0.97	5	11.99	0.66	43	1,028	345	1,818
Springboro	87	56	71	3	0.94	5	14.39	4.43	40	910	188	1,640
Warren	88	53	69	3	0.59	4	9.76	-2.18	35	913	257	1,673
North Central												
Bradford Region	84	45	66	4	0.70	3	10.19	-1.83	36	742	292	1,447
Oswayo	87	51	67	3	0.56	4	10.81	-0.83	38	725	197	1,417
Kane	86	47	66	4	1.42	4	10.27	-1.87	35	713	270	1,408
Laporte	85	57	70	4	0.56	3	8.44	-2.98	47	859	179	1,600
Lock Haven	91	60	74	6	0.49	3	8.37	-2.60	29	1,112	371	1,930
Port Allegany	86	54	68	5	0.59	3	9.87	-1.77	36	796	268	1,517
Renovo	90	60	73	6	0.69	3	9.46	-1.51	33	1,068	327	1,884
Ridgway	87	54	69	6	0.69	4	10.13	-1.90	38	796	283	1,528
Stevenson Dam	90	59	73	9	0.50	4	9.61	-2.42	35	983	470	1,780
Towanda	87	57	71	4	0.44	4	8.02	-1.52	33	920	226	1,701
Wellsboro	86	51	69	6	0.68	4	8.58	-0.80	34	780	309	1,518
Williamsport	90	60	75	6	0.67	3	7.90	-3.09	30	1,283	436	2,131
Northeast												
Hawley	85	56	69	5	0.67	3	9.12	-1.71	31	824	271	1,568
Wilkes-Barre/Sc	87	60	74	6	0.45	3	6.64	-3.57	28	1,138	351	1,938
Susquehanna	85	56	71	7	0.40	4	9.00	-2.39	40	889	364	1,659
West Central												
Butler	87	57	72	5	0.97	4	14.44	3.22	39	996	274	1,785
New Castle	90	58	74	6	0.98	3	12.09	1.90	36	1,104	381	1,908
Slippery Rock	89	55	72	6	0.98	4	11.11	0.20	41	1,039	391	1,840
Central												
Altoona/Blair	88	59	74	5	0.54	3	11.17	0.79	36	1,135	331	1,945
DuBois	85	55	70	4	1.21	4	10.81	-0.83	39	997	329	1,788
Lewistown	91	61	76	6	0.46	3	8.64	-2.31	34	1,168	275	2,009
Middletown	92	66	79	7	0.20	1	10.96	-0.03	26	1,377	358	2,238
Prince Gallitzi	88	54	70	5	0.83	3	11.45	-1.46	38	854	250	1,632
Selinsgrove	94	59	76	7	0.09	2	5.25	-5.88	23	1,129	317	1,958
State College	89	61	75	7	0.28	2	7.14	-3.04	32	1,149	363	1,967
East Central												
Allentown-Bethel	92	60	76	6	0.10	2	9.51	-1.57	28	1,215	300	2,045
Lehighton	89	60	74	4	0.04	1	10.72	-0.38	29	1,076	204	1,899
Matamoras	87	58	72	3	0.67	3	9.37	-2.37	29	969	197	1,756
Mt_Pocono	83	56	71	8	0.75	3	9.49	-2.87	34	906	440	1,668
Southwest												
Pittsburgh/Alle	87	63	75	7	1.19	4	11.23	0.44	37	1,324	518	2,147
Indiana_PA	87	57	72	4	0.80	4	11.85	-0.36	43	1,000	218	1,799
Myersdale	83	52	68	0	0.16	2	10.16	-1.65	41	761	42	1,507
Mount Pleasant	87	57	73	7	1.26	3	11.22	-1.29	34	1,106	470	1,902
Pittsburgh Intl	88	60	75	6	0.82	3	11.96	1.90	34	1,267	410	2,086
Connellsville	89	59	74	4	0.49	4	10.61	-1.17	41	1,221	335	2,040
Waynesburg	88	59	73	5	2.20	3	11.46	0.60	33	1,130	355	1,930
South Central												
Biglerville	92	62	78	6	0.48	1	7.79	-2.51	23	1,260	249	2,101
Everett	89	57	73	5	0.11	2	8.70	-1.22	33	1,013	236	1,818
Hanover	94	59	77	5	0.00	0	6.64	-3.66	27	1,265	254	2,103
Harrisburg_AP	94	64	78	6	0.30	2	11.38	0.39	29	1,356	330	2,210
South Mountain	87	58	73	5	0.00	0	6.84	-3.54	27	985	188	1,781
York	93	60	77	6	0.50	1	6.85	-4.32	28	1,229	212	2,062
Southeast												
Green Lane	93	63	78	8	0.06	1	8.55	-2.14	30	1,257	398	2,107
Hamburg	92	62	77	9	0.11	3	9.75	-3.20	29	1,249	489	2,093
West_Chester	95	60	77	5	0.65	2	8.26	-3.70	23	1,239	243	2,079
Lancaster	94	62	78	7	0.21	2	7.13	-3.81	28	1,297	378	2,138
Neshaminy Falls	95	63	79	8	0.04	1	7.24	-4.82	28	1,295	380	2,152
New Holland	92	64	78	7	0.70	2	8.13	-2.81	28	1,292	373	2,132
Philadelphia	97	71	83	11	0.54	1	7.12	-3.60	26	1,607	518	2,484
Philadelphia NE	97	68	82	9	0.03	2	6.45	-4.27	40	1,460	371	2,328
Reading	94	63	79	9	0.48	2	9.86	-2.21	30	1,401	512	2,260
Sellersville	91	60	76	6	0.09	1	9.67	-1.02	30	1,156	297	1,980
Willow Grove	94	64	80	9	0.07	1	7.27	-4.79	26	1,364	449	2,223

DFN = Departure from normal (using 1961-90 normals period).

Precipitation (rainfall or melted snow or ice) and pan evaporation in inches.

Precipitation days = days with precipitation of .01 inch or more.

Air temperatures in degrees fahrenheit.

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REPORTERS COMMENTS, By County

Reporters are from Extension Service (Ext), Natural Resources Conservation Service (NRCS), Farm Service Agency (FSA), Conservation District (CD), farmers, commodity specialists, or other knowledgeable individuals.

ADAMS COUNTY, Judy A. Behney - The county had a week of hot and humid weather. Most of the week was in the higher 80s and 90s. Morning temperature started most days in the mid 70s. Thursday afternoon a strong thunderstorm came through Northern Adams County with heavy winds and heavy downpour. Some parts of county received no rainfall from this storm. Others received anywhere from 0.5 to 1.5 inches of rainfall. Sunday evening Northern Adams got 0.25 to 0.5 inches of rainfall during the evening hours. Corn and soybeans in the county are starting to show drought stress from lack of moisture. Soybeans are still being planted in the county. Wheat harvest started last week. Tart cherries are being harvested in the county but this spring cold temperatures have affected the cherry crop. Hay continues to be made with hot and humid conditions does not take too long to dry. Grass is drying up in the county from lack of rainfall and will affect the quality of the hay. Peaches and apples are growing in size and look pretty decent for this time of year but have a long way to go and weather conditions can change things immediately. Some sweet corn in the county is starting to tassel and other vegetable crops are starting to yield now also and being sold. Overall, the crops are surviving in the county however moisture would be very helpful for all crops to continue to grow.

ADAMS COUNTY, Lee Showalter - There were some scattered thunderstorms this past week. Some growers got almost an inch of rain, while others in close proximity got nothing. The fruit crops continue to develop normally with peach thinning close to completion and apple thinning being done to "touch up" the fresh market varieties.

BUCKS COUNTY, Michael Fournier - A good bit of the grass hay was cut too late and is of poorer quality due to the forecast of showers every few days. However, that rain has not materialized the past two weeks and we are getting very dry. Corn is starting to curl during the day, especially over the higher ground.

CENTRE COUNTY, Dick Decker - It was a good week for field work in the county for hay making. There was a total of 0.5 inches of rainfall.

CLARION COUNTY, Tom Tanner - Many producers are finishing the first crop of hay. Several inches of rain during the month of June and humidity makes it difficult to make dry hay.

CRAWFORD COUNTY, Ron McCorkle (NRCS) - Scattered rain showers damped efforts to make dry hay this week. Dairy producers are starting on second cutting silage to keep on schedule. Corn and beans are starting to green up after all the rains this month put plants are under stress. Pasture conditions are in the best shape for this time of year due to the rains.

FRANKLIN COUNTY, Thomas Kerr - The weather has turned hot and dry for the past three weeks in the southern half of the county, however the northern half has had several good showers lately making for good corn growing conditions. Crop in general is doing well, however some heat and moisture stress is showing up in shallow rooted crops. Barley harvest will finish within the next few days and the yields were excellent. Wheat looks just as good in most cases. Tart cherry harvest is well under way, but yields are light, may be off as much as 20%. Sweet cherries ended up with only about a 25% crop.

INDIANA COUNTY, David B. Overdorff - All of the oats is headed. Some of the early planted is just starting to turn yellow. The first corn planted is about 2ft high. All of the soybeans are up and doing great. They are growing everyday on these warm days and nights. Trying to get some good hay but the weather is not co-operating very well. Some

of it is getting too ripe and will probably be just mowed down. Everyone have a safe farming work week!

LACKAWANNA COUNTY, John Esslinger - Vegetable crops are off to a good start. Mites have been a problem in some crops. Those with irrigation are irrigating.

LANCASTER COUNTY, Jeffrey Graybill - Moisture conditions vary widely across the county. Significant hail damage has occurred to tobacco and corn. Most fields were in an early stage of development and should grow out satisfactorily.

LEBANON COUNTY, Charlene Ziegler - The storms that went through the county this week included an EF 0 tornado in the southwest portion of the county. The storm produced half dollar size hail and 80 mph winds which severely damaged corn, soybeans and wheat. Farms outside the path of the storm received 0.1 to 0.3 inches of rain. Many areas of the county reported a lack of rain. Barley and wheat harvest continues.

MERCER COUNTY, James P. Rust - The quality of the first cutting hay made this past week was poor. We had 0.3 of an inch of rain Saturday night. On Sunday was 91 degrees in the shade and there were severe thunderstorm warnings posted for the remainder of the day. Many of the area corn fields have either yellow corn or no corn present in the lower wet areas which is going to affect the yields

MONTGOMERY COUNTY, Andrew Frankenfield - Very hot and dry conditions continue to stress crops. First cutting grass hay is browning but continues to be harvested. Some of the earliest corn is 7 feet tall and approaching tassel. The earliest soybeans have no flowers visible yet. Corn is curling, especially on the tilled ground. Wheat harvest and straw baling started Friday. Everyone is hoping for rain today.

PERRY COUNTY, David L. Swartz - The rains associated with thunderstorms have missed wide sections of this county. Some areas have received only 0.3 inches in the past 3 weeks. Pasture conditions have sharply declined; crops on less productive soils are showing drought stress, especially in the western part of the county which has received the least amount of rain.

POTTER COUNTY, David Stratton (FSA) - The second cutting hay is looking good. Producers are still struggling to harvest dry hay. The corn is really growing good.

SNYDER COUNTY, William C. Sheaffer - This week of no significant rainfall along with very high temperatures made many crops turn from looking good to looking bad. Wheat harvest is beginning, second cutting of alfalfa is near completion, and the oats appear to be maturing too early. Pastures are drying up and providing very little feed.

TIOGA COUNTY, Sherri Butters (FSA) Rain and warm weather really jumped the corn. First cutting hay is getting too mature and needs to be made but wetter soils are holding moisture. This is making it difficult to make dry hay.

WESTMORELAND COUNTY, Tom Sierzega (NRCS) - Some hot dry days have allowed for some hay making this week. Still rain is keeping hay making at bay. Hot, humid weather has moved corn and soybean growth into full speed.

YORK COUNTY, John Rowehl - Limited reports on wheat harvest at this time indicate good yields and quality.

PA Crop Progress for Week Ending June 27, 2010

Crop	Current Week	Last Year	5-Year Average
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Corn average height, inches	37	24	26
Barley, harvested	91	45	46
Wheat, turning yellow	92	78	85
Wheat, ripe	55	13	22
Wheat, harvested	15	4	4
Oats, heading or headed	80	69	74
Oats, turning yellow	7	4	3
Soybeans, emerged	95	76	86
Alfalfa, 1st cutting	95	94	94
Alfalfa, 2nd cutting	41	30	27
Timothy clover, 1st cutting	79	76	76

PA Crop Condition for Week Ending June 27, 2010

Crop	Very Poor	Poor	Fair	Good	Excellent
	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>	<i>Percent</i>
Corn	0	3	24	44	29
Wheat	0	0	13	57	30
Oats	0	4	18	58	20
Soybeans	0	2	23	54	21
Alfalfa and alfalfa mixtures stand	0	4	19	55	22
Timothy clover stand	0	3	20	61	16
Quality of hay made	1	6	29	41	23
Pasture	6	6	29	39	20
Peaches	0	0	0	52	48
Apples	0	4	19	43	34

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